

ABSTRACT OF THE DISCLOSURE

A method and apparatus are disclosed for providing data from a service to a client based on the encryption capabilities of the client. Cipher suite lists are exchanged between a client and an endpoint. On the endpoint, the cipher suite list incorporates a mapping of cipher suite names to services. The endpoint uses the client's list of cipher suites in conjunction with the mapping of cipher suite names to services to determine a cipher suite match. A service is selected based on the cipher suite match. A server farm is selected based on the service. The client is informed of this cipher suite match and the endpoint retains knowledge of the cipher suite match throughout the session. Therefore, the encrypted connection between the client and the endpoint can be disconnected and later reestablished to provide data from the particular server.